

Fiftieth Anniversary Celebrations to Coincide with Fall Conference and Open House

INSIDE

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9 Contribute special items to the Anniversary Auction

10 Italian vets work on bone cancer research

In the fall of 1948, twenty-four veterans of World War II enrolled as the first class in the new College of Veterinary Medicine at the University of Illinois. The creation of the College was hailed as a victory, the culmination of more than 30 years of effort by faculty and veterinarians who worked tirelessly to promote the veterinary profession in Illinois. This year we commemorate that event and the efforts of alumni, faculty, and friends that have continued to advance veterinary medicine in Illinois for 50 years.

At the 79th Annual Fall Conference for Veterinarians, being held October 15 and 16, an impressive roster of speakers featuring Illinois alumni will help mark the occasion. At the Thursday night banquet, a man whose prestigious career has been concurrent with that of the College, Dr. Erwin Small, professor emeritus and associate dean for alumni and public affairs, will share his insider's view of the life and times of the College of Veterinary Medicine and its students.

You are invited to send your thoughts and memories about the College to be shared at the Fall Conference event. Direct your comments to Chris Beuoy at 2001 South



U.S. Senator Charles Percy and former College dean Richard Dierks broke ground for the Veterinary Medicine Basic Sciences Building on October 5, 1979, with the help of an ox-drawn plow, symbolic of the College's historic ties to agriculture. This and other memorable images will appear in a commemorative calendar being produced for friends and alumni as part of the 50th anniversary celebration.

Lincoln Avenue, 2938 VMBSB, Urbana, IL 61802; email: editor@cvm.uiuc.edu; fax: 217/244-2988.

Next spring, in conjunction with the annual veterinary medicine Open House on April 10, ASPCA head Roger Caras and chief NASA veterinarian Dr. Joseph Bielitzki will speak at Foellinger Auditorium on campus. There will be a luncheon and auction to support scholarships, and an evening gala of dinner and dancing will top off the cel-

ebration. See the auction story on page 9 for information on contributing items, and mark your calendar now to attend these fall and spring events. ■

Show Your CVM Pride

An order form for shirts and hats for sale will be mailed to you. Many items feature the 50th anniversary logo. Proceeds will support SCAVMA.

Veterinarian Receives Honorary Degree

Dr. Myron Essex, head of the Department of Public Health of the Medical School at Harvard University, received an honorary degree from the University of Illinois at Urbana-Champaign at its 1998 commencement ceremonies.

Dr. Essex received his veterinary degree from Michigan State University and has led a distinguished career as a retrovirologist. He has done seminal work on feline leukemia virus and its relationship to leukemia and lymphoma in cats, demonstrating not only how the virus is spread among animals but also the mechanism by which it survives in the mammalian host. In the age of the AIDS epidemic, Dr. Essex is also a premier worker in immunodeficiency viruses. ■



Dr. Wanda Haschek (left) and Dr. Gail Scherba welcomed Dr. Peter Doherty to Illinois with an Australian flag.

Nobel Laureate Speaks at College

Dr. Peter Doherty, the first veterinarian to receive the Nobel Prize, accepted an invitation to visit the Urbana campus from fel-

low Australian Dr. Wanda Haschek, head of veterinary pathobiology, and Dr. Gail Scherba, assistant professor of veterinary pathobiology. On April 29 he spoke on "How We Deal with Viruses" as the annual Beckman Lecture and part of the campus's MillerCom lecture series. About 400 people from across campus attended. The next day he spoke in the Large Animal Clinic Auditorium as part of the Veterinary Pathobiology Seminar Series.

In 1996 Dr. Doherty received the Nobel Prize in Medicine for discoveries on the specificity of the cell-mediated immune defense. He currently chairs the Department of Immunology at St. Jude Children's Research Hospital, in Memphis, Tennessee. ■



Celebrating 50 Years



Veterinary Medicine at Illinois: The Next 50 Years

by Dr. Ted Valli

DEAN



We may one day see telemetry used to communicate with animals. Imagine the implications for behavioral medicine. "Horse whispering" is only the beginning!

Someday we will immunize food animals by feeding them bioengineered plants. Someday we will prevent dogs' aggressive actions by "reading their minds" to detect aggressive intentions. And someday veterinarians will set their fees high enough to reflect the true value of their time and training.

As our College celebrates the accomplishments of our first 50 years, it's tempting to project a bit into the future, to anticipate ways the Illinois veterinary community will show "heart, vision, and voice" in the coming century. Veterinary research, practice, and education will change and grow together because advances in any one area will require complementary adaptations in each of the others.

Biotechnology holds a safe and efficient means for delivering immunizations to people and animals: transgenic plants. The transcript for the protein coat of the pathogen will be introduced into the genetic material of the plant, which will begin producing that protein. Thousands of animals can be fed the plants, resulting in an inoculation both less expensive and less risky than killed or modified-live virus vaccines. This technique will be especially effective in combating enteric pathogens, since it delivers immunity right to the organ of exposure.

In another application of biotechnology, microchips combined with DNA transcript will be used to screen for genetic traits, diagnose allergies, and perform a host of other functions. Chips embedded in the muscles of spinal cord injury victims will stimulate movement in otherwise useless limbs. Someday chip technology will be paired with

breakthroughs in knowledge of the physiological function of the brain to restore motion and muscle control for persons with extensive nerve damage. Researchers in our College, working with others on the Urbana campus, will be leaders in biotechnology when the new biocontainment facility we are seeking becomes a reality.

Detecting thoughts by proton emission computed tomography of the brain represents an emerging area in brain physiology. We may one day see telemetry used to communicate with animals. Imagine the implications for behavioral medicine. "Horse whispering" is only the beginning!

In the area of veterinary practice, we are already encountering more knowledgeable consumers, who often get information—and misinformation—on animal health from the Internet. As in human medicine, consumers will place more emphasis on preventive care, which has been shown to have the potential to double the life of companion animals. There will also be a greater demand for small animal practices featuring board-certified specialists and high-end equipment.

In production medicine, management and consulting roles for species specialists will be the norm. Technicians will collect blood or other samples from the herd, and the veterinarian—at a computer in an office instead of in coveralls on a farm—will interpret diagnostic test results to evaluate herd health. This is in practice in the poultry industry.

It was only partly in jest that the predictions which opened this column included appropriate charges for veterinary expertise. We are a caring profession that has histori-

cally had some qualms about billing for our advice and service. Our time is valuable, is that of professionals in human medicine and law, and the future of veterinary medicine will depend on our ability to command our worth in the marketplace.

Changes in practice will certainly drive new approaches in education. I envision Illinois adopting a hybrid of the lecture and problem-solving teaching approaches. Instead of a series of unrelated courses in the various organ systems, the curriculum will integrate normal and abnormal organ function into case studies. Students who thrive in this environment will be self-starters adept at working in groups. Other schools are already using this approach, and I predict it will become the standard nationwide.

Despite changes in research, practice, and teaching, a few things will never change. Foremost is the grounding of our profession in science, the requirement that every action and decision be supported by rigorous testing and scientific principles.

And the College will continue to look for practitioners, legislators, producers, and other citizens of this state for support, just as we relied on these groups more than 50 years ago to help bring this College into being. Our 50th anniversary represents an excellent opportunity for you as an alumnus or friend to share with others your pride in this College.

Lastly, the core values of our College and profession—the heart, vision, and voice that signify our caring, discovery, and action—will remain unchanged as we head into the next 50 years at Illinois. ■

Peregrine Falcon Spends 10 Days in Wildlife Clinic

A peregrine falcon—an endangered species both in the state and federally—was brought to the Wildlife Medical Clinic in July. The injured bird, discovered in Pekin, Illinois, was treated for a broken wing.

"She is a very beautiful and amazing bird, and in very good condition, except for the broken wing," said Darlene Berkovitz, a third-year veterinary student. Berkovitz and second-year student Beth Guerra (at right) are assistant managers of the wildlife clinic.

Because the bird has a leg band, it is hoped that its origins can be traced. The bird was eventually transported, via airplane, to the Raptor Center, an international medical facility for birds of prey, in Minneapolis.

Veterinary students and other volunteers, working under the supervision of faculty advisers, treat more than 1,000 animals each year in the Wildlife Medical Clinic. Wildlife cases are never refused. Visit the clinic's Web site at <http://www.cvm.uiuc.edu/wmc/wmc.htm>. ■



LILLIAN ADAMS



New Leadership in Place for Research and Academic Affairs

C V M NEWS



One EVP Class Graduates, Two Others Begin

In June the 27 members of the "Alliance '98" class in the Executive Veterinary Program (EVP) for Swine Health Management presented their final projects and graduated. A total of 110 veterinarians have earned the executive credential since the program was first offered in 1991 by the Veterinary Continuing Education/Public Service-Extension unit in the College.

"The EVP builds confidence and motivation to enhance the skills of the practitioner," said Dr. Charles Francisco, a professional services specialist for the Hoechst-Roussel Agri-Vet Company and one of the new EVP graduates. "It provides a vehicle for entrepreneurial spirit and an avenue for discovery. I would recommend it for anyone who embraces challenge and is seeking opportunity."

Practitioners are enrolling now in a fourth cycle of the Swine EVP. A new EVP for Small Animal Health Management will also begin this fall. The two-year program involves a series of three-day modules taught on the Urbana campus. The EVP focuses on business and communication skills.

Graduates of the "Alliance '98" class include Keith L. Aljets, Lincoln Arnold, Neil Becker, Michael A. Beisbier, Jeff Blythe, Tamara Boettcher, Danny Burns, John Calhoun, Joseph Campbell, Sherrie Clark, Rich Collins, Daniel J. Damman, Patrick Drone, Paul R. DuBois, Jerome Fiechtner, Charles Francisco, Ralph Hall, Randy Larson, Dennis Mefford, Michelle Michalak, Michael Mull, Roger Pray, C. Wade Price, Gerald Sprau, Dave Striegel, Jeff Waite, Ron White, Bob Wills, and Sheldon Yoder.

For more information about the small animal certificate, contact Dr. Lydia Miller at 217/333-2907. To find out about the next swine EVP class, call Dr. Larry Firkins at the same number. ■

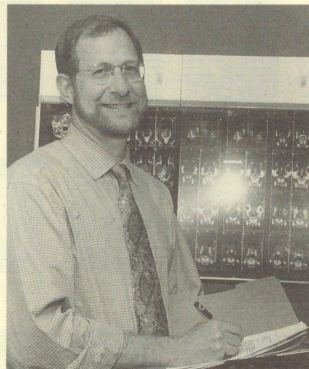
Two top spots in the College administration have recently been filled from within the faculty ranks. After a national search, Dr. Howard Gelberg, professor of veterinary pathobiology, was appointed associate dean for research on March 21. Dr. Gerald Pijanowski, associate professor of veterinary biosciences, became associate dean for academic and student affairs on July 1. Both had been filling the posts in interim capacities since last November.

Despite the move to an administrative position, Dr. Gelberg doesn't want to relinquish all his duties as teacher, researcher, or pathologist in the Laboratory of Veterinary Diagnostic Medicine. "I have a diverse background within veterinary medicine, and that puts me in a good position to represent the whole College," he says.

Dr. Gelberg believes national respect in the area of biomedical research—in conjunction with positive public opinion of the healing, caring side of the profession—is necessary for the advancement of the veterinary profession.

He earned his DVM at Cornell University, Ithaca, New York, in 1971. After several years in practice he returned to Cornell, completing his Ph.D. degree in comparative pathology in 1980, the year he joined the Illinois faculty. In 1981 he became board certified in veterinary pathology. At Illinois, he has served on numerous committees within the College and university. In 1993 he was named a full professor and also earned the College award for all-around excellence.

Dr. Pijanowski has identified two areas of immediate emphasis for academic and

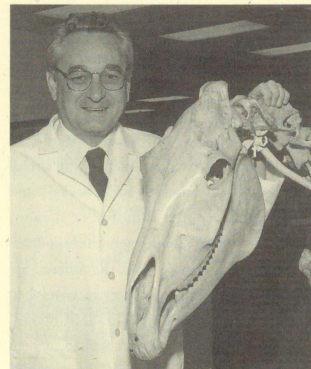


Dr. Howard Gelberg

student affairs. One area relates to his responsibilities in helping the faculty improve the curriculum. "I want to see more courses tap into the interactive power of computers," he said, "rather than just use computers as books on disk."

The other area is recruitment, developing a pool of well-qualified DVM applicants—particularly those from Chicago and Southern Illinois. A pilot project at a Mattoon high school will give students an introduction to both the basic science and the clinical side of the profession. The teaching module on skin wound healing combines the biology of skin and wound health with hands-on experience in suturing skin wound models.

Dr. Pijanowski received a DVM degree at Cornell University in 1972. After a year in practice, he attended Purdue University, West Lafayette, Indiana, earning a Ph.D. in gross anatomy in 1978. Since coming to



Dr. Gerald Pijanowski

Illinois that same year he has been active not only with the veterinary college but also in the Bioengineering Program. In 1981, Dr. Pijanowski received the Norden Distinguished Teacher Award. As associate dean, he'll assist periodically in the anatomy teaching program and continue his research on the biomechanics of fracture fixation and joints.

Dr. Pijanowski sees a vital role for alumni as the College builds a strong recruiting program. He hopes someday to be able to provide alumni with educational materials they can use in local high schools to interest students in the veterinary medical profession. Meanwhile, he says "thank you" to those who participated in the recent outcomes assessment survey and invites all alumni to stay in touch with the College and with student affairs. ■

Twenty-five Initiated into Phi Zeta

On April 16, twenty-five new members were initiated into Illinois's Mu Chapter of Phi Zeta, the national veterinary honor society that promotes high scholarship, research, and ethical standards in veterinary medicine.

Dr. Ronald Weigel, associate professor of veterinary pathobiology, and five graduate students/residents—Drs. Tetsuya Furuya, Nohra Mateus Pinilla Helms, William Meier, Nicole VanDerHeyden (all veterinary pathobiology), and Phillip Hammock (veterinary clinical medicine)—were initiated into the society.

To be accepted for membership, VM-3 students must rank in the upper 10 percent of their class. Six were initiated: Heather Dawson, Sarah Hopper, Cindy Rizzo-Harman, Laura Fedde Seropian, Colleen Trask, and Lisa Wolff McIntyre.

Thirteen VM-4 students who ranked in the upper 25 percent of their class but were not already Phi Zeta members were initiated: Sheri Layne (Werner) Askew, Jennifer S. Davis, Carol Lynn Grice, Annie O'Brien Hernandez, Patrice Noel Hildebrandt, Jessica M. Kidd, Jeanie Kincer, Gra-

ham R. Merkin, Dana G. Miller, Leo H. Paul, Elizabeth Richardson, Kathleen Ann Sennello, and Julia Kristine Veir.

In addition, the Mu Chapter Literary Awards went to Drs. Fiona Maunsell and Katherine Wasson. ■



Students Honored at Awards and Scholarships Ceremony

At the April 25 awards ceremony, 121 students received nearly \$125,000 in scholarships and honors. Thanks to new scholarship endowments and corporate sponsorships, seven awards were given for the first time. This aid is vital to our College and to our veterinary students.

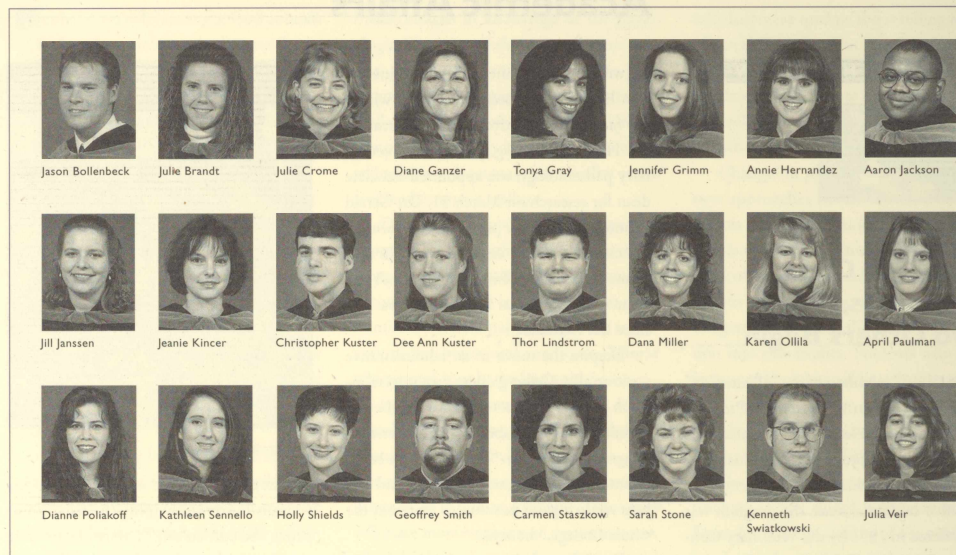
The George H. Alexander Memorial Scholarship goes to a student with strong people and practice skills and a background in the Standardbred industry or demonstrated interest in practicing in the Standardbred or other equine field. Recipients are selected by the Alexander family with input from the equine section. The fund to support the scholarship was established by Jean and the late Robert Goehlen, the daughter and son-in-law of George Alexander, to recognize the accomplishments of her father in the Standardbred racing industry.

George Alexander produced some of the best Standardbreds in the nation at Chestnut Farm in Sugar Grove, Illinois. In 1967, Flamboyant won the world's richest harness race, the \$183,000 Dexter Cup. That same year, Speed Model won the Kentucky Futurity. Alf Palema, born to the last mare bred by Mr. Alexander, won the 1992 Hambletonian.

Mr. Alexander received many honors for his devotion to the sport and the quality of his foals. After his death in 1988, he was elected to both the Illinois Harness Racing Hall of Fame and The Immortals in the Harness Racing Hall of Fame of Goshen, New York.

The Dr. Florence Dunbar Awards for the Human-Animal Bond recognizes outstanding scholarly writing on subjects related to human-animal bond issues, such as grief management in animal situations and legal issues. Dr. Dunbar's impressive professional endeavors have included being a lawyer, business law teacher, industrial psychologist, leader in the field of animal welfare, and lecturer on the law, ethics and animal rights. She has been a supporter of the College since her first experience at the Small Animal Clinic in 1963.

The Lily Ireland Scholarship was established because Ms. Ireland wanted to ensure that other animal owners like herself will be able to find fine veterinary care for their companion animal friends. The award goes to a student with an interest in specializing in small animal care.



The Dr. William Magrane Clinical Ophthalmology Award is sponsored by the Magrane Ophthalmology Fund and goes to a fourth-year veterinary student who has demonstrated exceptional performance in the clinical ophthalmology rotation.

The Multicultural Fellowships given by the College of Veterinary Medicine are awarded to two members of each class and continue until completion of the veterinary curriculum, provided the students remain in good academic standing. Recipients are chosen by the Admissions Advisory Committee on the basis of essays describing past and future contributions to the cultural diversity of the University student body and the veterinary profession. Financial need may be considered.

The Schering-Plough Animal Health Scholarships go to two fourth-year veterinary students for excellent scholarship and unique aptitude for surgical and clinical studies with companion and food animals.

The Edith Tomlinson Award recognizes a student entering the fourth year chosen on the basis of financial need and merit, with first preference to a student from northern Illinois or southern Wisconsin. It is funded by an endowment created by the sons of Edith Tomlinson, a long-time resident of Sycamore, Illinois, in recognition of her love for animals. ■

Abbott Veterinary Student Scholarship
Geoffrey W. Smith

George H. Alexander Memorial Scholarship
Dee Ann Kuster

American Animal Hospital Association Award

Jason Bollenbeck

American Association of Feline Practitioners' Student Award
Diane Ganzer

American College of Veterinary Radiology Award
Annie Hernandez

American College of Veterinary Surgeons Awards
Dana Miller, Large Animal Surgery
Aaron Jackson, Small Animal Surgery

American Kennel Club Scholarships
Colleen Trask (1997-98 and 1998-99)
Lisa Wolff (1997-98)

American Veterinary Medical Foundation Scholarships

John Crandell
Shaun Downey
Heidi Homze
Robyn Rothberg

Auxiliary to the American Veterinary Medical Association Award
Jason Bollenbeck

Bil-Jac Student Scholarship in Nutrition
Kelly Kostuch

Dr. Loyd E. Boley Scholarship
Wade Pollitt

Chicago Veterinary Medical Association President's Scholastic Award
Thorin Lindstrom

L. L. Cluster Scholarships
Robert Garro
Laura Seropian

College of Veterinary Medicine Awards for Academic Excellence

Class of 1998
First: Kenneth Swiatkowski
Second: Sarah Stone
Third: Julie Crome

Class of 1999

First: Colleen Trask
Second: Lisa Wolff
Third: Heather Dawson

Class of 2000

First: Eric Bergsten
Second: Christopher Shule
Third: Suzanne Voss

Class of 2001

First: Morgan Wilson
Second: Brett Ziegenbalg
Third: Michelle Base

Justin Brown
Jill Demers
Katherine Grimm
Megan Hinkel
Shannon Long
Laurie Vanderhyden

Dr. Richard E. Dierks Veterinary Alumni Fund Scholarships

Eric Bergsten
Colleen Trask
Morgan Wilson

Dr. Joseph L. Dörner Award
Kenneth Swiatkowski

Dr. Florence Dunbar Awards for the Human-Animal Bond

Excellent scholarly paper
Steve Hasse

Honorable mentions

Lisa A. Coole
Kristi L. McCullough
Diana Short

Most original

Andrea Morden-Moore

Outstanding short story
Yvonne L. Wingfield

Outstanding narrative
Sarah Probst

Outstanding essays

Annmarie Hill, Anne-Marie Sostrin

Dr. Walter and Mary Lou Fehrenbacher Scholarship
Trevor Berg



Alice H. Fruit Memorial Scholarship
Rebecca Revis

Gruelle and Associates Awards
Jill Janssen, Large Animal Medicine
Aaron Jackson, Small Animal Medicine
Anna M. Gulick Scholarship
Eric Bergsten

Dr. H.J. Hardenbrook Equine Scholarships
Frank Bettencourt
Amanda Thompson
Hill's Buddy Award
Annie Hernandez
Dr. H. Preston Hoskins Scholarship
Theresa Fuess

Illini Great Dane Club Scholarships
Diana Bauer
Sara Luttrell

Illinois Academy of Veterinary Practice
Continuing Education Award
Julie Brandt

Illinois Reptile and Amphibian Medicine Award
Jennifer Kruk
Todd Lawmaster

Illinois Veterinary Medical Alumni
Association Award
Tolly Shields

Illinois Walking Horse Association Awards
Katie Collier
Tammy Nelson

Illy Ireland Scholarship
Karen Ollila

Professor Virginia R. Ivens Scholarships
Janie F. Kincer (1996-98 Recipient)
Katie Collier (1997-99 Recipient)
Melissa Behrens (1998-2000 Recipient)

Dr. Edward C. Khuen Memorial Award
Kenneth Swiatkowski

Dr. Vaylord Ladwig Memorial Scholarship
Rebecca Getty

Lake County Humane Society Award
Kathleen Sennello
India Wood

Dr. Robert P. Larsen Human Development
Award
Julia Brannan

Dr. Roger P. Link Scholarship
Jarmen Staszko

Dr. Heidi Lott Memorial Award
Michael Sanborn

Dr. William Magrane Clinical
Ophthalmology Award
Tolly Shields

Dr. John P. Manning Award
April Paulman

Dr. and Mrs. David McConnell Scholarship
Julia Brannan

Dr. and Mrs. C. David McLaughlin Scholarship
Sarah Hopper

Merck AgVet Awards
Julie Crome
Jennifer Grimm
Jill Janssen
Thorin Lindstrom
April Paulman
Christina Peavey
Sarah Stone
Kenneth Swiatkowski

Dr. Christopher Moberly Scholarship
Jatatie Mylniczeko

Multicultural Fellowships
1st-year
Tonya Gray, Aaron Jackson

3rd-year

Jennifer Frey, Todd Lawmaster

2nd-year

Cristina Bettencourt, Christine Villarete

1st-year

Rosemary Gamboa, Elizabeth Robertson-Prado

North American Veterinary Conference Award
Tammy Nelson

Novartis Animal Health Award for Academic
Excellence in Parasitology
Suzanne Voss

Pfizer Veterinary Student Award
Julie Crome

The Pharmacia and Upjohn Award
Christopher Kuster

Dr. Harry Reynolds Pathology Award
Erica Swanke

Dr. J.E. Salsbury Scholarships

Tracey Anheuser

Timothy Cooper

Shaun Downey

Jennifer Herring

Jennifer Jacobs

Kelly Lathrop

Ann Marie Lopiccolo

Natalie Mylniczeko

Tammy Nelson

Theresa Salee

Michael Sanborn

Jeremy Tarlow

Julie Towle

Colleen Trask

Dr. Jesse Sampson Award

Suzanne Voss

Sandrik Family Scholarships

Heather Dawson

Lisa Wolff

Schering-Plough Animal Health
Scholarships

Dana Miller, Large Animal

Julia Veir, Companion Animal

Dr. Erwin Small Scholarships

Cristina Bettencourt

Jennifer Harris

Kristin Kanoy

Sophie's Golden Heart Award

Janie Kincer

Southern Illinois Veterinary Medical Association
Scholarship

Deni Bennis

Stone City Kennel Club Award

Michele Roessler

Students for Equal Access to Learning
Scholarships

Jennifer Frey

Hope Serrato

Richard and Helen Sweet Scholarship

Jennifer Kruk

Edith Tomlinson Award

Trevor Berg

University Honors - Bronze Tablet

Rachel Niemuth

Upjohn Companion Animal Award

Holly Shields

Upjohn Large Animal Award

Jill Janssen

Upjohn Team Award

Tammy Nelson

Veterinary Emergency and Critical Care Award

Dianne Poliakoff

West Suburban Caged Bird Club Scholarship

Jennifer Kruk

Research Projects Funded between February 1, 1998, and June 30, 1998

BOVINE

Huhn JC, Nelson DR, Olson WA, *United States Department of Agriculture/Animal Health & Disease*, \$11,554, Abomasal Function in Dairy Cattle with Left Abomasal Displacement

Jones CJ, *Elanco Animal Health/Eli Lilly*, \$47,515, Determination of the Efficacy of an Experimental Insecticide in a Pour-on Formulation for the Control of *Linognathus vituli* and Other Louse Species on Naturally Infested Cattle

Kuhlenschmidt MS, Smith RD, *Illinois Department of Agriculture/Cattle*, \$7,840, Contribution of Dairy Cattle Fecal Waste to the Environmental Prevalence of *Cryptosporidium parvum*

Robinson JL, *United States Department of Agriculture/Animal Health & Disease*, \$15,000, Characterization of cDNA for Bovine Factor XI

Wallace RL, Morin DE, Constable PD, *Illinois Department of Agriculture/Cattle*, \$12,360, The Effect of Bedding Type on Evolution of Hoof Lesions and Development of Papillomatous Digital Dermatitis in Dairy Cattle

EQUINE

Manohar M, *American Heart Association*, \$25,000, Effects of Nitric Oxide Inhalation on Pulmonary and Systemic Hemodynamics at Rest and During Exercise

Manohar M, Goetz TE, *Illinois Department of Agriculture/Equine*, \$10,000, Pulmonary Hemodynamic Interaction of Phenylbutazone and Furosemide in Exercising Thoroughbred Horses

Whittem EL, Foreman JH, *American Horse Shows Association*, \$5,000, Pharmacokinetics and Detection of Cocaine Administration to Horses

Whittem EL, Foreman JH, *Illinois Department of Agriculture/Equine*, \$19,717, Forensic Detection of Cocaine in Equine Mane Hair

GENERAL

Clarkson RB, Smirnova T, *National Institutes of Health*, \$26,176, NRSA Fellowship

Cooke PS, Hess RA, *National Institutes of Health/University of Wisconsin*, \$15,710, Reproductive and Developmental Toxicity of Dioxin

Docampo R, Furuya T, *American Heart Association*, \$13,200, Molecular Characterization of Calcium Pumps and Exchangers in *Trypanosoma cruzi*

Docampo R, Lu H, *National Institutes of Health*, \$116,625, Calcium Homeostasis in Leishmania

Docampo R, Moreno SN, *National Institutes of Health*, \$300,733, Acidocalcisomes in *Trypanosoma cruzi*

Eurell TE, *US Air Force*, \$72,923, The Development of Corneal Equivalents for *In Vitro* Testing of Ocular Irritants (AFOSR)

Hess RA, Bunick D, *National Institutes of Health*, \$223,230, The Role of Estrogen in the Male Reproductive Tract

Hoffmann WE, *Food and Agriculture Organization*, \$5,000, Development of Teaching Aids in Veterinary Clinical Pathology with Special Reference to Infectious Diseases

Isaacson RE, *United States Department of Agriculture/Higher Education*, \$108,000, USDA Fellowship - Animal Biotechnology

Jones CJ, Kitron UD, *National Institutes of Health/Center for Disease Control*, \$70,000, Lyme Disease Foci in Illinois: Ecological Evaluation, Integrated Disease Management and Education

Kitron UD, Jones CJ, *National Institutes of Health*, \$303,857, Environmental Determinants of Lyme Disease Foci

Moreno SN, *American Heart Association*, \$70,000, The Role of Phospholipase C in *Trypanosoma cruzi*

O'Brien WD, Zachary JE, *National Institutes of Health*, \$2.1 million, Ultrasound-Induced Lung Damage Assessment

Segre M, *National Institutes of Health*, \$116,625, Is an Anti-Cocaine Idiotype Vaccine Feasible?

Smith RD, *Food and Agriculture Organization*, \$5,000, Development of Teaching Aids in Veterinary Public Health with Special Reference to Environmental Hygiene

Vimr ER, *National Institutes of Health*, \$174,567, Regulation of the (Poly) Sialic Acid Virulence Factor

Vimr ER, Lichtensteiger CA, *Campus Research Board*, \$3,343, Virulence Factors of K1 *E. coli* in Neonatal Meningitis

PORCINE

Constable PD, Haschek-Hock WM, *American Heart Association*, \$14,748, *In Vivo* and *In Vitro* Cardiovascular Effect of Fumonisin Mycotoxins in Swine

Hahn EC, Scherba G, Weigel RM, *United States Department of Agriculture/Animal Health & Disease*, \$11,069, Evaluation of Molecular Genetic Techniques for the Epidemiological Investigation of Pseudorabies and Porcine Reproductive and Respiratory Syndrome Viruses

Haschek-Hock WM, Constable PD, Tumbleson ME, *United States Department of Agriculture/Animal Health & Disease*, \$12,245, Fumonisin-induced Endothelial and Hemodynamic Changes in Porcine Pulmonary Edema

Isaacson RE, *United States Department of Agriculture/National Research Initiative*, \$140,000, Persistence of *Salmonella Typhimurium* in Swine

Lichtensteiger CA, Vimr ER, *Illinois Department of Agriculture/Swine*, \$17,180, Virulence Genes of *Salmonella Choleraesuis*

Lichtensteiger CA, Vimr ER, *Illinois Pork Producers Association*, \$10,000, Cloning *Heamophilus parausis* Neuraminidase, a Candidate Subunit Vaccine

Smith GW, Constable PD, *American Heart Association*, \$45,000, *In Vivo* and *In Vitro* Effect of Fumonisin Mycotoxins on Cardiac Contractility and Vascular Smooth Muscle

Weigel RM, Scherba G, Firkins LD, *United States Department of Agriculture/Animal Health & Disease*, \$12,997, Epidemiology of Porcine Reproductive and Respiratory Syndrome (PRRS) Virus Infection in Illinois Swine Herds

Zuckermann FA, *Illinois Department of Agriculture/Swine*, \$25,520, Enhancement of anti-PRRS Virus Cell-mediated Immunity by IL-12

Zuckermann FA, Powderjeet, \$28,093, Immunization of Pigs with Surface DNA Encoding the Hepatitis B Virus Surface Antigen

SMALL ANIMALS

Campbell KL, *Ralston Purina Company*, \$19,294, Effects of Four Diets on the Health and Appearance of Skin and Hair Coats in Dogs

Gross DR, *GIFT*, \$5,000, Creation of Venous Valves Using Microsurgical Techniques

Kitchell BE, Cadile CD, *Morris Animal Foundation*, \$25,200, The Evaluation of Telomeres and Telomerase Activity in the Dog

Segre M, Greeley E, *Ralston Purina Company*, \$82,484, Cooperative Canine Geriatrics Study



TERY RATHGEE

Troubadour Performs at Illinois State Fair

Appreciative crowds at the 1998 Illinois State Fair let Troubadour know that he can still strut his stuff, even 10 years after he served as a reserve mount in the Olympics.

Ridden by Dr. Dee Ann Kuster, a 1998 graduate of the University of Illinois College of Veterinary Medicine, the 16.2-hand College-owned Trakehner gave lively performances of his dressage moves nearly every day: in the Grandstand between harness races during the day and at the Coliseum during the horse shows in the evening. His performances were sponsored by the Illinois State Fair and Vita Flex Nutrition.

Dr. Kuster is currently a visiting instructor in anatomy and histology at the College. She began working with Troubadour last year before graduation and has also ridden him at the 1997 Danada Fall Festival on October 12 in Naperville, Illinois, and at the Illinois Horse Fair on March 6 and 7, 1998, at the Springfield state fairgrounds.

Troubadour came to the College of Veterinary Medicine in December 1995 as part of an estate gift from Mrs. Edith Kosterka, of Wayne, Illinois. He has had an illustrious career in dressage competitions, including serving as the reserve mount for Christine Stuckelberger at the 1988 Olympics in Seoul, Korea.

Dr. Kuster works with Troubadour under the supervision of Dr. Ted Lock. Dr. Lock, a professor of production medicine and therio-genology in the Department of Veterinary Clinical Medicine, oversees the equine reproduction herd composed of many Trakehner horses from the Kosterka estate. ■

Conference Looks at Infectious Diseases

The Conference on Emerging and Re-emerging Infectious Diseases attracted more than 130 attendees to the Urbana campus on April 10. Among the speakers were experts from Indiana University, University of Vermont, New York University, Washington State University, Eli Lilly, and the Centers for Disease Control and Prevention. Elanco Animal Health and Eli Lilly & Co. joined the College's Department of Veterinary Pathobiology and Center for Zoonosis Research and Infectious Diseases in sponsoring the symposium. ■

Student from Abroad

The College participated in an exchange program that brought 42 graduate students from Yugoslavia. Silvana Andric, working on a Ph.D. at the University of Novi Sad, joined the laboratory of Dr. Larry Hansen, veterinary biosciences, for the month of July. Her dissertation research is directed toward endocrine and steroidogenesis problems associated with polychlorinated biphenyls (PCBs). She was interested in the College's programs in toxicology, reproductive biology, and endocrinology. She also spent a month at the National Institutes of Health before returning to Yugoslavia. ■

Open House Thanks!

The students would like to thank the Kankakee Valley Veterinary Medical Association for its donation to Veterinary Medicine Open House, which was received after the deadline for the last *Veterinary Report*. Mark your calendars for next year's Open House, on April 10, which will be held in conjunction with the 50th anniversary gala. ■



New Laser Eliminates Some Surgeries at Teaching Hospital

The CO₂ veterinary laser at the Veterinary Medicine Teaching Hospital is a boon to patients, clinicians, and owners, according to Dr. Karen Campbell, head of the dermatology service. When squamous cell carcinomas and precancerous skin tumors are removed with the laser, the procedure entails fewer risks, often takes less time, and may therefore be less expensive than if they had been removed surgically.

The laser works by vaporizing the water in skin or other soft tissue. Veterinarians direct the beam with a pen-like tool that is extremely precise—removing cells only 0.1 millimeter below the surface. This technique reduces or eliminates bleeding and the need

for general anesthesia; it minimizes damage to nearby tissue, infection, edema, wound contraction, and scarring; and it speeds recovery and healing time.

"I worked on a cat that had tumors over its entire body. If we'd removed them surgically, we would have needed to do skin grafts," said Dr. Jennifer Matousek, dermatology resident in veterinary clinical medicine (operating laser, above), "but the laser left virtually no wounds."

The laser also has many uses beyond tumor removal. Very few lasers are in use in Illinois veterinary practices. For more information about the laser, contact Dr. Campbell at the Small Animal Clinic, 217/333-5300. ■



Veterinary Service Fraternity Sale Benefits Pets

The Omega Tau Sigma yard sale, held June 6 and 7 at the OTS house, raised more than \$600 for the Cornelia Wallis Honchar "Lifelink" Endowment, which helps pet owners in hardship pay for veterinary fees at the Small Animal Clinic. Helping out were Jamilon Neimann, Jeremy Tarlow, Sara Luttrell, and Suzanne Voss.

KUDOS



Dr. Val Beasley, veterinary biosciences and director of the Envirovet Program, led an intensive short course in Aquatic Animal Health/Environmental Toxicology/Ecosystem Health this summer for veterinarians, postdoctoral trainees, veterinary and graduate students, and state, federal, and industrial employees. The program is jointly run by the University of Illinois at Urbana-Champaign, the University of Minnesota-Duluth, and the University of Wisconsin-Superior, Lake Superior Research Institute. It was held in Duluth, Minnesota, on Lake Superior, the largest body of freshwater in the world.

The goal of Envirovet is to bring the benefits of veterinary medicine to wildlife populations. The aquatic program focuses on ecological toxicology within the context of environmental policy, aquatic ecological function, and aquatic animal health.

Dr. Robert Clarkson, veterinary clinical medicine, won the Speakers' Prize from the Spectroscopy Society of Pittsburgh for his work developing high-frequency electron paramagnetic resonance (EPR). Dr. Clarkson has also been an invited speaker at a number of meetings. In April, he presented a lecture titled "Studying water interactions at char surfaces by Dynamic Nuclear Polarization" to the Fine Particle Society in Dallas, Texas. In May, he lectured at the University of Kentucky's Center for Applied Energy Research on "Carbon char microparticles: Oximetry and surface science." In June, he spoke in Salzburg, Austria, on "Multi-frequency EPR determination of the interaction of GD(III) chelates with proteins and lipids" at the Advances in MRI Contrast Agent Research Conference.

Dr. Mrinal Dewanjee, veterinary biosciences, was invited to make two presentations in July at the Mayo Clinic, Rochester, Minnesota, on the methods of measurement of platelet thrombi and evaluation of new thrombus inhibitors.

Dr. Wanda Haschek, head of veterinary pathobiology, presented a paper on the effects of the mycotoxin fumonisin on swine at the annual conference of the Australia

Society of Veterinary Pathology, held in Sydney in May.

Dr. Walter Hoffmann, veterinary clinical medicine, has been named biochemistry section editor for *Veterinary Clinical Pathology*.

Dr. Gary Jackson, veterinary biosciences, was invited to present his paper on "Regulation of luteinizing hormone-releasing hormone secretion by testosterone in the male sheep" at the Fifth International Symposium on Reproduction in Domestic Ruminants in Colorado Springs, Colorado, in August.

Dr. Ann Johnson, veterinary clinical medicine, was an invited speaker at the British Small Animal Veterinary Congress and the British Veterinary Orthopedic Association meeting held in Birmingham, England, in early April. She presented papers on fracture treatment in small animals and corrective osteotomies for treating growth deformities. In May, Dr. Johnson was also invited to lecture at the AO/ASIF basic and advanced courses on operative fracture treatment, which were held in Columbus, Ohio.

Veterinary Pathobiology professors **Dr. Carl Jones** and **Dr. Uriel Kitron** have been named president and vice president, respectively, of the Illinois Mosquito and Vector Control Association.

Dr. Ibulaimu Kakoma, veterinary pathobiology, served as guest editor for the September issue of the *Journal of Spirochetes and Tick-borne Diseases*.

Dr. Fiona Maunsell, a food animal medicine and surgery resident, was the recipient of the 1998 Phi Zeta Literary Award for her manuscript "Effects of Mastitis on the Volume and Composition of Colostrum Produced by Holstein Cows," which was published in the *Journal of Dairy Science*. Dr. Maunsell also won the Pharmacia-Upjohn Research Abstract Award for her abstract "Utility of glandular and secretion characteristics in predicting colostral IgG-1 concentration of Holstein cows."

In April, **Dr. Gay Miller**, veterinary pathobiology, presented a series of lectures on economics needed for USDA veterinarians to the Public Veterinary Practice Career program in Fort Collins, Colorado. In June, she presented "Pork technology and education: Alliances to move the industry to world class production," a joint work with **Drs. Peter Bahnson, Larry Firkins, Rich-**

ard Isaacson, Ann Reisner, and Laurian Unnevehr, at the 15th Educational Symposium at Purdue University.

Dr. Allan Paul, parasitology and Extension, received the Carl J. Norden Outstanding Teacher Award for outstanding teaching ability, character, and leadership qualities. Sponsored by Pfizer Animal Health, the \$1,000 award is presented each year to an exceptional faculty member chosen by fourth-year students at each of the nation's 27 veterinary colleges.

Dr. Ronald D. Smith, veterinary pathobiology, was an invited speaker at the Sixth Conference on Distance Learning in Public Health, held by the Association of Schools of Public Health in Chicago, Illinois, in April. Dr. Smith demonstrated his online exercises on foodborne disease and basic epidemiology (found at http://sable.cvm.uiuc.edu/start_outbreak.html).

In June he gave a keynote address entitled "The National Food Safety Initiative—How Are You Involved?" at a training conference for approximately 150 Missouri public health professionals (on the Web at <http://www.cvm.uiuc.edu/meetings/commhlth/index.htm>). He was also a co-organizer of an Illinois Environmental Health Association workshop on "Computer-Based Environmental Health Resources" held in Urbana in June (found at <http://www.cvm.uiuc.edu/ieha/>).

Dr. Smith served on the 1998 conference committee of the Richard Talbot Veterinary Informatics Symposium sponsored by the Association for Veterinary Informatics (AVI). The symposium was held at the AVMA Annual Convention in Baltimore, Maryland, in July. He is now in his seventh year as newsletter editor for AVI (<http://netvet.wustl.edu/avi.htm>) and has recently assumed that role, and the role of Webmaster, for the Association of Teachers of Veterinary Public Health and Preventive Medicine (<http://www.cvm.uiuc.edu/atvphpm/>).

Dr. Joseph D. Thulin has been named director of the Office of Laboratory Animal Resources (OLAR) and institutional veterinarian at the Urbana-Champaign campus. He had completed a residency at Illinois in the Laboratory Animal Medicine program and served as clinical veterinarian and clinical assistant professor in the College from 1988 to 1993. Most recently he was director of Animal Care in the College of Medicine at the University of Wisconsin-Madison.



More than 40 high school students from throughout Illinois toured the College of Veterinary Medicine as part of the University's Principal's Scholars Program. During their afternoon at the College the students visited many points of interest, including the anatomy laboratory, where fourth-year student Jennifer Frey showed them how to examine a dog (above). The College has participated previously in this four-week program designed to expose promising minority students from Illinois urban areas to a variety of fields and interest them in attending the University of Illinois.

Dr. Deoki N. Tripathy was invited by the Department of Pathobiology, University of Connecticut, Storrs, to present a seminar on "Future of Recombinant Poultry Vaccines" on April 16, 1998.

The meetings of the Central States Microscopy Society and the Illinois-Missouri-Kansas Microbeam Analysis Society were hosted by the College's Center for Microscopic Imaging in May. Veterinary pathobiology graduate teaching associate **Dr. Katherine Wasson** received first place for her presentation entitled "Electron microscopy as a tool to confirm microsporidial infection of intestinal xenograft and host mouse hepatic tissue."

Dr. Ted Whittem, veterinary clinical medicine, won an award from the Australian College of Veterinary Scientists for most commendable paper published in the *New Zealand Veterinary Journal* during 1997. The paper is entitled "Dihydrostreptomycin or streptomycin in combinations with penicillin G in dairy cattle therapeutics."

In June he presented his paper, "Application of the population pharmacokinetic approach to the determination of milk discard times" at the Biennial Symposium of the American Academy of Veterinary Pharmacology and Therapeutics, which was held in California. At the same meeting, Dr. Whittem, chair of the Examination Committee, administered the certifying examinations of the American College of Veterinary Clinical Pharmacology. ■



What's new?

Keep your College and fellow alumni informed of pertinent events in your life by sending your news to *Vet Report*, U of I College of Veterinary Medicine, 2938 VMSB, 2001 South Lincoln Avenue, Urbana, IL 61802; fax: 217/244-2988; email: editor@cvm.uiuc.edu.

Outstanding MSU Teachers Share Illinois Background

Dr. Ronald Erskine ('77), associate professor of large animal clinical sciences, and **Dr. Jon Patterson**, associate professor of pathology, received Teacher Awards from the Student Chapter of the American Veterinary Medical Association at Michigan State University College of Veterinary Medicine last spring. The pair were recognized for their superior ability to communicate with students and integrate clinically relevant information into the classroom. Dr. Patterson, a diplomate of the American College of Veterinary Pathologists, earned a Ph.D. at the University of Illinois in 1987.

Dr. Bill Britz ('59) and his company, Britz-Heidbrink, Inc., of Wheatland, Wyoming, have received a Small Business Innovative Research Grant from the National Institutes of Health/ National Center for Research Resources. The award is for investigating the feasibility of producing composite mesh panels for the floor panels and screens of animal cages. Compared with other materials used in cages, composite materials weigh less and are more colorful and environmentally friendly (i.e., absorb sound but don't change temperature easily). The project also won the Small Business Administration's Roland Tibbetts Award for excellence in technology in a SBIR grant application. The award was presented during ceremonies at the White House in October 1997.

Dr. Paul Smith ('60), state veterinarian with the Illinois Racing Board, was named to the Illinois Harness Racing Hall of Fame last spring. In 1994 he had been honored



George Fehrenbacher, Robert Whalen, John R. Baker, Earl Lutz, O.W. Stowe, Charles Lindley, Robert Latham, William Specht

Stalwarts of the College Hold Reunion

The Class of '52—the first class to graduate from the College—held a reunion at the Pere Marquette Lodge and Conference Center in Grafton, Illinois, on June 11 and 12. In attendance were John and Carol Baker, Myrie Butzow with her guests Jim and Liz Wallace, George and Barbara Fehrenbacher, Robert and LaVonne Latham, Charles Lindley and Marian, Cliff Loomis and his daughter Cathy, Earl and Nola Lutz, Anna and Bill Specht, Oliver and Minnie Stowe, and Robert Whalen.

as Man of the Year by the Illinois Harness Horsemen's Association.

Dr. Charles Hendricks ('63), director emeritus of the VCA Ana Brook Animal Hospital in Anaheim, California, received the H. Don Mahan Memorial Award for his work in the areas of education, professionalism, and animal welfare. The award is named for the former executive director of the Southern California Veterinary Medical Association, the nation's largest regional VMA.

Dr. Stephen Derwelis ('66) recently celebrated the 30th anniversary of his veterinary practice, New Mexico Equine, Inc., with three locations in Los Ranchos de Albuquerque, N.M.

Dr. Bill McEniry (Iowa '60), a recipient of the Stange Award for 1998. College of Veterinary Medicine Iowa State University

Dr. Barbara Stein (Ohio '66), of the Chicago Cat Clinic, was recently named the American Animal Hospital Association's Practitioner of the Year.



Dr. Mike Pavletic, Dipl. A.C.V.S. ('74), has been appointed head of the Department of Surgery at Angell Memorial Animal Hospital, Boston, Massachusetts, leaving as professor and head of small animal surgery at Tufts University School of Veterinary Medicine.

Dr. Pavletic is internationally known in plastic and reconstructive surgery; he has published more than 75 articles and two textbooks. In 1996 he received the British Veterinary Small Animal Association's Bourgelat Award for outstanding contributions to small animal practice.

Dr. Pavletic will be a featured speaker at the Annual Fall Conference for Veterinarians in Urbana on October 15 and 16.



Dr. Linda Ross ('74), associate dean for clinical programs and hospital director at Tufts University School of Veterinary Medicine, was selected for a six-month Fellowship in Veterinary Administration by the Fulbright Commission in London. During a one-year sabbatical that began in July, Dr. Ross is studying information technology in the United Kingdom as it relates to veterinary school administration.

"I'm most interested in telemedicine, which is remote consulting electronically," said Dr. Ross, "but I'll touch on informatics as well, which is the management of information [medical records, clinical studies] as opposed to using information technology and computers to reach."

Dr. Ross plans to make comparisons between the technology and expertise available in England and in the United States at Tufts and several other veterinary schools. Her research is intended to improve clinical case management, consultation, and education.

Dr. Joseph DiPietro ('76), dean of the University of Florida College of Veterinary Medicine, has been selected to serve on a national committee studying the future role of pesticides in U.S. agriculture.

The National Research Council's board on agriculture oversees the 14-member committee, which is charged with identifying circumstances under which chemical pesticides may be required for pest management and chemical products most ecologically appropriate for pest management.

Dr. Michael L. Biehl (DVM '83, Ph.D. '89) has been promoted to assistant director and Animal Health Zone leader, in the Department of Drug Safety Evaluation, Pfizer Central Research, at Pfizer's world research headquarters in Groton, Connecticut. In this role, he will direct toxicologists, pathologists and technical personnel in departmental activities to support the worldwide discovery, development, and registration of animal health products. Previously, Dr. Biehl served as a senior research investigator and project coordinator conducting research involving human and veterinary drug candidates.

Dr. Anthony A. Frank ('85) has been appointed head of the Department of Pathology at the College of Veterinary Medicine, Colorado State University.

Dr. Catherine S. Beckwith ('86) has been certified as a diplomate of the American College of Laboratory Animal Medicine. She is a postdoctoral fellow at the University of Missouri-Columbia.

Dr. Samantha Musa ('93) in May completed the program of the Veterinary Management Institute offered through Purdue University's Krannert Graduate School of Management and the American Animal Hospital Association. She is in practice at the Palatine (Illinois) Animal Hospital.

Dr. Annette (Gibbs) Dixon ('96) and her husband David announce the birth of their son, Lance Warren, last September. Dr. Dixon has a mixed-animal practice in Clarksville, Missouri, the town where the family lives, as well as a satellite clinic in Louisiana, Missouri. ■



In Memoriam

♦ ♦ ♦

Dr. William L. Searls ('54) died in Austin, Texas, on April 6. He served in the Navy during World War II and later spent 30 years with the U.S. Department of Agriculture Veterinary Service, retiring in 1990.

♦ ♦ ♦



SARAH PROBST

Lisa Coole, a D.V.M. student from Rockford, Illinois, died in an automobile accident on May 16, just a week after completing her first-year studies at the College. She had been on her way to Peoria to adopt a greyhound at the time of her death. ■ Faculty and students attended funeral and church services in Lisa's hometown. The Class of 2001 sent flowers with a note that read: The Class of 2001 would like to dedicate our careers to beloved classmate Lisa Coole. ■ On October 19, she had been named NCAA Woman of the Year for her achievements in academics and leadership as well as athletics. While an undergraduate at the University of Georgia, she had earned 19 NCAA All-American honors and seven honorable mentions. She was a two-time national champion, for the 100-meter butterfly in 1996 and for the 200-meter freestyle relay in 1995. ■ This fall SCAVMA will hold a tree-planting ceremony to remember Lisa, and the OTS fifth annual road race was held in her memory. Students are compiling a memory book of pictures and comments for Lisa's family. ■

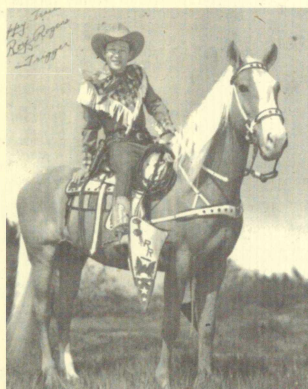
Donations Sought for Anniversary Fundraiser

An auction to benefit scholarships for veterinary students will be among the festivities of the College's 50th anniversary celebration on Saturday, April 10, 1999. The Auxiliary to the Illinois State Veterinary Medical Association is coordinating this effort.

Items already contributed include promotional items from Oprah Winfrey's show and collars worn by two of her dogs; autographed footballs from the Denver Broncos and the Chicago Bears; a signed and numbered print by William Wegman, U of I alumnus and noted photographer of weimaraners.

If you count celebrities, athletes, or famous pet enthusiasts among your clients, please consider approaching them for such items as signed scripts, books, recordings, and sports equipment or clothing. Packages to bed and breakfast inns, fishing or river rafting trips, snow skiing or golf resorts are also welcome.

To avoid duplicating requests to celebrities, please contact Paulette Rubin, auction chair, 847/251-3134 or Kimberly Meenen, assistant director for development, 217/333-2762, with your proposals. ■



An autographed picture of Roy Rogers atop Trigger is among the treasures lined up for the 50th Anniversary auction.

1998 Football Ticket Order Form

Date	Game	# of tickets	Unit price	Amount
September 19	Louisville	_____	\$25	_____
September 26	Iowa (Varsity "I" Day)	_____	\$25	_____
October 10	Ohio State	_____	\$25	_____
October 17	Fall Conference tailgate lunch	_____	\$10	_____
October 17	Wisconsin football game	_____	\$19	_____
November 7	Indiana (Agriculture/4-H Day)	_____	\$25	_____

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Address _____	
City _____	State _____ ZIP code _____
Area code/telephone number _____	Year of graduation _____

Please make checks payable to "U of I College of Veterinary Medicine" and send to: Terry Rathgeber, U of I College of Veterinary Medicine, 2001 South Lincoln Avenue, 3229 VMBSB, Urbana, IL 61802, 217/333-2762.

DATES



September

- 16-18 Executive Veterinary Program in Small Animal Health Management: Industry Trends module, Urbana, Illinois. Contact Dr. Lydia Miller, 217/333-2907.
- 27 4th Annual I.W.H.A. Judged Pleasure Ride, to benefit Veterinary Scholarship Fund, Ottawa, Illinois. Call Carol Mills, Illinois Walking Horse Association, 815/434-4156.

October

- 2 Annual Faculty and Staff Awards Banquet, Urbana, Illinois. Contact Beth Erwin, 217/333-2762.
- 2-4 Introductory Equine Nuclear Medicine Workshop, Urbana, Illinois. Contact Dr. A.R. Twardock, 217/333-6507.
- 7-9 Fourth Executive Veterinary Program in Swine Health Management, first module, Urbana, Illinois. Contact Dr. Larry Firkins, 217/333-2907.
- 15-16 Fall Conference for Veterinarians with special 50th Anniversary Kickoff, Urbana, Illinois. Call Dr. LeRoy Biehl, 217/333-2907.
- 17 Fall Conference Tent Party, Homecoming game, Illinois vs. Wisconsin, Champaign, Illinois. Call Beth Erwin, 217/333-2762.
- 24 Continuing education seminar with Dr. Murray Fowler of the San Diego Zoo and University of California, Davis, Urbana, Illinois. For more information, call Sara Luttrell, Veterinary Student Exotic Medicine Club, 217/384-8058.

December

- 6 Alumni Reception at the American Association of Equine Practitioners Meeting, Baltimore, Maryland. Call Beth Erwin, 217/333-2762.
- 9 Illinois Swine Health Conference, Springfield, Illinois. Contact Dr. Larry Firkins, 217/333-2907.

January

- 10 Alumni Reception at the North American Veterinary Conference, Orlando, Florida. Call Beth Erwin, 217/333-2762.

February

- 5-7 117th Annual Convention of the Illinois State Veterinary Medical Association, Springfield, Illinois. Call Eve C. Larocca, 630/892-2321.
- 15 Alumni Reception at the Western States Veterinary Conference, Las Vegas, Nevada. Call Beth Erwin, 217/333-2762.

April

- 10 Veterinary Medicine Open House, 50th Anniversary Symposium, and 50th Anniversary Gala, Urbana, Illinois. Contact Chris Beuoy, 217/333-2907, or Kim Meenen, 217/333-2762.

Bone Cancer Research Has International Flair

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Web site: <http://www.cvm.uiuc.edu/>

Editor

Ch. Beuoy

Writer

Carey Checca

Associate Dean for Development

T.W. Rathgeber

Associate Dean for Alumni Affairs

Dr. Erwin Small

Assistant Director for Development

Kimberly Meenen

Graphic & Photographic Support

Biomedical Communications Center

Art Coordinator

Linda Jackson

Photographers

Don Hamerman, Lil Morales, Bob Myers

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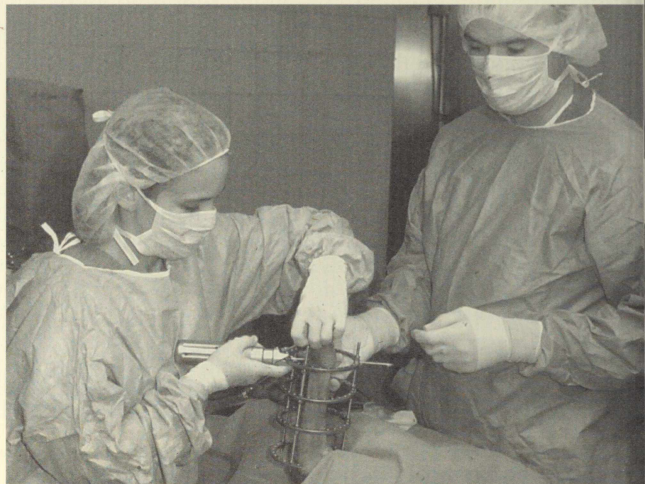
Printed on recycled paper with soy ink.

Two veterinarians from Italy—including the world expert on using the methods of Ilizarov with the circular external fixator, a Russian device for “growing” bone—came to Urbana this spring to collaborate on cancer research.

Dr. Nicole Ehrhart, veterinary oncological surgeon, had been interested in bone transport, a form of limb-sparing that grows new bone in the gap left after a bone tumor is removed. At a conference in Europe last year, Dr. Ann Johnson, orthopedic surgeon at the Small Animal Clinic, discussed Dr. Ehrhart's research interests with Dr. Antonio Ferretti of Milan, author of the definitive chapter on using the methods of Ilizarov in small animals, and Dr. Matteo Tommassini of Rome, another Italian veterinarian who is using the device in his practice. As a result, the two Italians visited this spring.

With the bone transport technique, a cross-sectional piece of the remaining normal bone is cut and moved a short distance from the area it was removed from. The body recognizes this as a fracture and begins to heal it. The Ilizarov circular fixator, named after the Russian scientist who developed it, holds the cut piece of normal bone in place and allows it to be moved a short distance each day. As the cut piece is moved further and further away from its original site, new bone grows behind it.

“The Ilizarov circular fixator has been used successfully in people with bone loss from trauma, such as motorcycle accidents, but not with cancer patients. Our study looks at the effect of chemotherapy on bone that grows as it is transported. We hope to find



Dr. Nicole Ehrhart (left) adjusts an Ilizarov circular fixator with the help of Dr. Matteo Tommassini.

funding to do a similar study involving radiation therapy,” said Dr. Ehrhart.

Her research will likely have implications in human medicine. Bone cancer affects

children more often than adults, and children are still growing. This technique would allow new bone in kids to grow to equal length as the opposite limb. ■

Participants Sought for Feline Renal/Hypertension Study

Dr. Daniel Hogan, cardiology resident at the Small Animal Clinic, is seeking cases for a study on feline hypertension secondary to renal disease. The goal of the study is to determine changes in neuroendocrine, electrolytes and plasma volume in cats with hypertension secondary to renal disease. Once these changes are known, more specific and efficacious treatment protocols can be formulated. Referring veterinarians are

asked to inform their clients of the opportunity to participate. The study will pay for all blood tests; owners will be required to pay for the office call and blood pressure measurement, but they will be reimbursed if the cat enters the study. Cats that are hyperthyroid will be excluded from the study.

For more information, please call Dr. Hogan at 217/333-5308 or send email to dfhogan@staff.uiuc.edu. ■



Celebrating 50 Years

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